

**ADDENDUM NO. 2**

January 27, 2020

**NEW CHURCH FACILITIES**

First Assembly of God

Fair Oaks, Arkansas

Elton Roe, Architect P. A.

Harrison, Arkansas

The Original Issue Bid and Construction Documents dated Dec, 20, 2019 shall be amended and/or supplemented as follows:

**2.1 CHURCH PEWS**

2.1.1 Refer to Specifications; Section 12350, Church Pews and Chancel Furniture, Part 1 General:

- A. Paragraph 1.1; Delete lines B., Chairs; C., Pulpit; and D., Benches as these items are not included in scope of Work.
- B. Paragraph 1.2, Sub-paragraph A; Delete lines "Where sloping.....match slope" as no sloping floor in Project.
- C. Paragraph 1.3 Manufacturer, Subparagraph A; Delete "J & H.....Pindal, AR" as this company has closed for business. Add the following after "Imperial...Waco, TX":  
"Distributed and installed by Church Furnishings and Installation; Harrison, AR; 800-775-6424. Substitution by prior approval only."

2.1.2 Refer to Specifications; Section 12350, Church Pews and Chancel Furniture, Part 2-Products:

- A. Paragraph 1.1, General; Delete lines B, C, and D as these items are not included in scope of Work.
- B. Paragraph 1.1, General; Subparagraph A; Delete text in its entirety and add following: "Pews to be Imperial Woodworks, Inc. #953-984 pew body with #10 S. E. cantilevered ends and end caps. Seat bases to be plywood with 4" thick polyfoam fabric covered. Backs to be plywood with 2" thick contoured polyfoam front, fabric covered front and back. Cantilevered ends to be 2" thick plywood core with oak face veneers and solid oak edge banding. Particle core not permitted. Upholstery fabric to be 12 oz. polyolefin, 100,000 min. cycles wyzenbeek abrasion rated. Substitutions by prior approval only.

**2.2 HVAC EQUIPMENT SCHEDULE**

New Church Facilities

First Assembly of God

Fair Oaks, Arkansas

2.2.1 Refer to Drawings, Sheet M-1, HVAC Plan:

- A. Add HVAC Equipment Schedule attached hereto.

2.3 EMERGENCY LIGHTS

2.3.1 Refer to Drawings, Sheet E-4, Lighting Plan:

- A. Add four Type "Z" light fixtures in Sanctuary. Locate as directed by Architect. Connect to nearest lighting circuit available.
- B. Add one Type "Y" light fixtures in each of Rooms 132, 133, and 134. Locate as directed by Architect. Connect to nearest un-switched, normally on, lighting circuit available.

2.4 FOLDING DOOR/PARTITION

2.4.1 Refer to Drawings, Sheet A-29, Door Elevations:

- A. Under Door "1", add following text: Acoustical Accordion Folding Door and Partition, Manually operated, Panel-fold Sonicwall/88, double wall panels, 8" modular panel width, laminated veneer wood panels, clear finish, STC 42 rated. Submit shop drawings, manufacturer's data, and warranty.
- B. Folding Door/Partition head shall be provided with 1-2x10 flat attached to bottom each roof truss bottom chord with 4-no. 10 x 3 1/2" construction screws centered on track. Apply solid wood trim each side of track with quirk jointed facings to ceiling.

2.5 ADHERED MANUFACTURED STONE VENEER

2.5.1 Refer to Specifications, Section 04730, Adhered Manufactured Stone Veneer:

- A. Refer to Paragraph 1.2, Sub-paragraph B; Delete in its entirety and add the following: "Manufacturer shall be Summit Stone Products; Clarksville, Arkansas or approved equal as Distributed by Godfrey Black Brick and Stone; Ft. Smith, Arkansas; sales rep: 479-970-0324."
- B. Refer to Paragraph 2.1, Products; Add the following: "Product to be Summit Stone 'Quickfit'."

2.6 GYPSUM BOARD WALL AND CEILING FINISHES AND FIRE RATINGS

2.6.1 Refer to Wood Frame Structural and General Construction Notes (Added by Addendum No. 1):

- A. Delete Note Numbers 11, 13, and 18 in their entirety. Automatic Sprinkler System substitutes for one hour fire rating except for exterior walls. However, all gypsum board in project remains 5/8" thick (see note no. 10).

## 2.7 FLOOR DRAINS

2.7.1 Refer to Drawings, Sheet P-1, Plumbing-DWV Plan:

- A. Add depressed floor drain at Automatic Fire Sprinkler System entrance riser, Room No. 131, Storage. Delete floor carpet finish in vicinity, slope surface of concrete floor to drain.
- B. Add depressed floor drain at water service entrance RPZ valve, Room No. 132, Jan. Cl. Delete floor finish in vicinity, slope surface of concrete floor to drain.
- C. All Floor Drains to be provided with State approved trap primer or waterless seal.

## 2.8 BRICK ALLOWANCE

2.8.1 Refer to Specifications, Section 01100-Basic Requirements, Paragraph 1.6-Cash Allowances; Add the following sub-paragraph: "Face Brick Allowance: \$400.00 per thousand for product delivered to project site."

END OF ADDENDUM NO. 2

## HVAC EQUIPMENT SCHEDULE

Mark	Description	Nom. cooling (tons)	Nom. air flow (cfm @ .5 esp)	Aux. Heat (KW @ 208v)	Electrical Data	Manufacturer/ Catalog No.	Remarks
HP1A	Heat Pump, Indoor Unit, Air Handler and Coil, upflow, single circuit, CB disconnect	4	1,600	13.2	208-1-60 .75hp blower 67.7A 90A feeder cir. wire & CB	Rheem RBHP-24J18SH4	Note 4 below
HP2A	Heat Pump, Indoor Unit, Air Handler and Coil, upflow, single circuit, CB disconnect	4	1,600	13.2	208-1-60 .75hp blower 67.7A 90A feeder cir. wire & CB	Rheem RBHP-24J18SH4	Note 4 below
HP3A	Heat Pump, Indoor Unit, Air Handler and Coil, upflow, single circuit, CB disconnect	4	1,600	13.2	208-1-60 .75hp blower 67.7A 90A feeder cir. wire & CB	Rheem RBHP-24J18SH4	Note 4 below
HP4.1A	Heat Pump, Indoor Unit, Air Handler and Coil, upflow, single circuit, CB disconnect	4	1,600	13.2	208-1-60 .75hp blower 67.7A 90A feeder cir. wire & CB	Rheem RBHP-24J18SH4	Notes 2 & 4 below
HP4.2A	Heat Pump, Indoor Unit, Air Handler and Coil, upflow, single circuit, CB disconnect	4	1,600	13.2	208-1-60 .75hp blower 67.7A 90A feeder cir. wire & CB	Rheem RBHP-24J18SH4	Notes 2 & 4 below

Mark	Description	Nom. cooling (tons)	Nom. air flow (cfm @ .5 esp)	Aux. Heat (KW @ 208v)	Electrical Data	Manufacturer/ Catalog No.	Remarks
HP5.1A	Heat Pump, Indoor Unit, Air Handler and Coil, upflow, single circuit, CB disconnect	4	1,600	13.2	208-1-60 .75hp blower 67.7A 90A feeder cir. wire & CB	Rheem RBHP-24J18SH4	Notes 2 & 4 below
HP5.2A	Heat Pump, Indoor Unit, Air Handler and Coil, upflow, single circuit, CB disconnect	4	1,600	13.2	208-1-60 .75hp blower 67.7A 90A feeder cir. wire & CB	Rheem RBHP-24J18SH4	Notes 2 & 4 below
HP6A	Heat Pump, Indoor Unit, Air Handler and Coil, upflow, single circuit, CB disconnect	5	2,000	13.2	208-1-60 .75hp blower 69.2A 90A feeder cir. wire & CB	Rheem RBHP-25J18SH7	Note 4 below
HP7A	Heat Pump, Indoor Unit, Air Handler and Coil, upflow, single circuit, CB disconnect	5	2,000	13.2	208-1-60 .75hp blower 69.2A 90A feeder cir. wire & CB	Rheem RBHP-25J18SH7	Note 4 below
HP1B	Heat Pump, Outdoor Unit, 15.0SEER/12.5EER, single stage, concrete equip. pad	4	-	-	208-3-60 Comp.: 13.8RLA Fan: 2.8FLA 30A Feeder cir. wire & CB	Rheem RP1548AC1NA	Notes 1 & 2 below
HP2B	Heat Pump, Outdoor Unit, concrete pad mounted	4	-	-	208-3-60 Comp.: 13.8RLA Fan: 2.8FLA 30A Feeder cir. wire & CB	Rheem RP1548AC1NA	Notes 1 & 2 below

Mark	Description	Nom. cooling (tons)	Nom. air flow (cfm @ .5 esp)	Aux. Heat (KW @ 208v)	Electrical Data	Manufacturer/ Catalog No.	Remarks
<b>HP3B</b>	Heat Pump, Outdoor Unit, concrete pad mounted	4	-	-	208-3-60 Comp.: 13.8RLA Fan: 2.8FLA 30A Feeder cir. wire & CB	Rheem RP1548AC1NA	Notes 1 & 2 below
<b>HP4.1B</b>	Heat Pump, Outdoor Unit, concrete pad mounted	4	-	-	208-3-60 Comp.: 13.8RLA Fan: 2.8FLA 30A Feeder cir. wire & CB	Rheem RP1548AC1NA	Notes 1, 2, & 3 below
<b>HP4.2B</b>	Heat Pump, Outdoor Unit, concrete pad mounted	4	-	-	208-3-60 Comp.: 13.8RLA Fan: 2.8FLA 30A Feeder cir. wire & CB	Rheem RP1548AC1NA	Notes 1, 2, & 3 below
<b>HP5.1B</b>	Heat Pump, Outdoor Unit, concrete pad mounted	4	-	-	208-3-60 Comp.: 13.8RLA Fan: 2.8FLA 30A Feeder cir. wire & CB	Rheem RP1548AC1NA	Notes 1, 2, & 3 below
<b>HP5.2B</b>	Heat Pump, Outdoor Unit, concrete pad mounted	4	-	-	208-3-60 Comp.: 13.8RLA Fan: 2.8FLA 30A Feeder cir. wire & CB	Rheem RP1548AC1NA	Notes 1, 2, & 3 below
<b>HP6B</b>	Heat Pump, Outdoor Unit, concrete pad mounted	5	-	-	208-3-60 Comp.: 15.9RLA Fan: 2.3LRA 35A Feeder cir. wire & CB	Rheem RP1560AC1NA	Notes 1 & 2 below

Mark	Description	Nom. cooling (tons)	Nom. air flow (cfm @ .5 esp)	Aux. Heat (KW @ 208v)	Electrical Data	Manufacturer/ Catalog No.	Remarks
HP7B	Heat Pump, Outdoor Unit, concrete pad mounted	5	-	-	208-3-60 Comp.: 15.9RLA Fan: 2.3LRA 35A Feeder cir. wire & CB	Rheem RP1560AC1NA	Notes 1 & 2 below
EF1	Exhaust Fan, Ceiling mounted, multi-speed, low speed	-	75@.25	-	120v 15w	Broan AE50110DC	Set speed at 80cfm setting. Provide 6" min. dia. discharge duct (uninsulated) to soffit exhaust grille. Provide back draft damper.
EF2	Exhaust Fan, Ceiling mounted, multi-speed, low speed	-	75@.25	-	120v 15w	Broan AE50110DC	Set speed at 80cfm setting. Provide 6" min. dia. discharge duct (uninsulated) to soffit exhaust grille. Provide back draft damper.
EF3	Exhaust Fan, Ceiling mounted, multi-speed, low speed	-	75@.25	-	120v 15w	Broan AE50110DC	Set speed at 80cfm setting. Provide 6" min. dia. discharge duct (uninsulated) to soffit exhaust grille. Provide back draft damper.
EF5	Exhaust Fan, Ceiling mounted, metal grille, low speed	-	300@.4	-	120v 212w	Broan L300MG	Provide minimum of 10" dia. discharge duct (uninsulated) to soffit exhaust grille. Provide back draft damper
EF6	Exhaust Fan, Ceiling mounted, multi-speed, low speed	-	75@.25	-	120v 15w	Broan AE50110DC	Set speed at 80cfm setting. Provide 6" min. dia. discharge duct (uninsulated) to soffit exhaust grille. Provide back draft damper.

Mark	Description	Nom. cooling (tons)	Nom. air flow (cfm @ .5 esp)	Aux. Heat (KW @ 208v)	Electrical Data	Manufacturer/ Catalog No.	Remarks
EF7	Exhaust Fan, Ceiling mounted, metal grille, low sones	-	200@.4	-	120v 127w	Broan L200MG	Provide minimum of 8" dia. discharge duct (uninsulated) to soffit exhaust grille. Provide back draft damper
EF8	Exhaust Fan, Ceiling mounted, multi-speed, low sone	-	75@.25	-	120v 15w	Broan AE50110DC	Set speed at 80cfm setting. Provide 6" min. dia. discharge duct (uninsulated) to soffit exhaust grille. Provide back draft damper.
EF9	Exhaust Fan, Ceiling mounted, multi-speed, low sone	-	75@.25	-	120v 15w	Broan AE50110DC	Set speed at 80cfm setting. Provide 6" min. dia. discharge duct (uninsulated) to soffit exhaust grille. Provide back draft damper.
EF10	Exhaust Fan, Ceiling mounted, multi-speed, low sone	-	75@.25	-	120v 15w	Broan AE50110DC	Set speed at 80cfm setting. Provide 6" min. dia. discharge duct to soffit exhaust grille. Provide back draft damper.

**NOTES:**

1. Provide anti-theft security and hail guard over top and three exposed sides of unit. Install level and plumb. Construct of welded 1 1/4" x 3/16" steel angle with 1/4" expanded metal welded to inside of angle frame. Provide single combined guard for ganged multiple HP units on same pad. Attach to conc. equip. pad with 1/2" anchor bolts with tamperproof heads. Provide 6" clear at front, sides, & top. Provide 18" clear between for multiple HP units on same pad. Provide 24" min. clearance at rear for service. Paint with metal primer and two finish coats of semi-gloss black enamel.
2. Construct equip. pad of 4" thick concrete lab with 8" turn down thickened edges. reinforce with no. 3 rebars at 18" o.c. ea. way in slab and no. 4 rebar cont. in perimeter turn down. Provide 3/8" expansion joint at wall. Provide 1/4" per ft. slope away from building. Size equip. pad to provide 24" min. equipment service clearance at wall, extend 9" min. at front and ends/sides, and 18" min. clearance between multiple HP units on same pad.
3. Twinned Units. Provide tied or shunt disconnects for simultaneous operation. Wire controls for simultaneous operation. Provide automatic shutdown of both units if either blower fails to prevent air flow bypass.
4. Set blower at max. speed for cooling